



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Thursday, July 23, 2015

Issued: 0800 CT

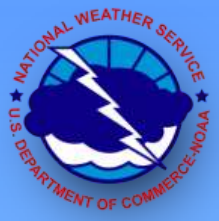
Day 1 Hazards: Heat index values of 102F+ degrees over the eastern half of the Region; Marginal risk of severe storms over NE OK and AR today.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



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Key Points



Today

- Ongoing showers and storms over NE OK and AR this morning; a few may be strong today with gusty winds
 - A Flash Flood Watch is in effect through this afternoon for NE and N-Central AR due to recent rains and expected rain today
- Afternoon heat index values 102F+ degrees for most of OK, S AR, E ½ of TX & LA

Friday – Monday

- Hot temperatures and dry conditions remain in place throughout much of the Region Friday through early next week






Tropical Outlook

- Tropical formation is not expected in the next 5 days

*FEMA Region 6 Threat Matrix

Jul 23, 2015 - Jul 27, 2015

DAY/ THREAT	THU	FRI	SAT	SUN	MON
Severe Weather	NE OK, AR				
Heavy Rain /Flash Flooding	NE and N-Central AR				
Heat	OK, S AR, E TX, LA	Eastern 2/3rds of the Region	→		
Tropical					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to sr-srh.roc@noaa.gov.



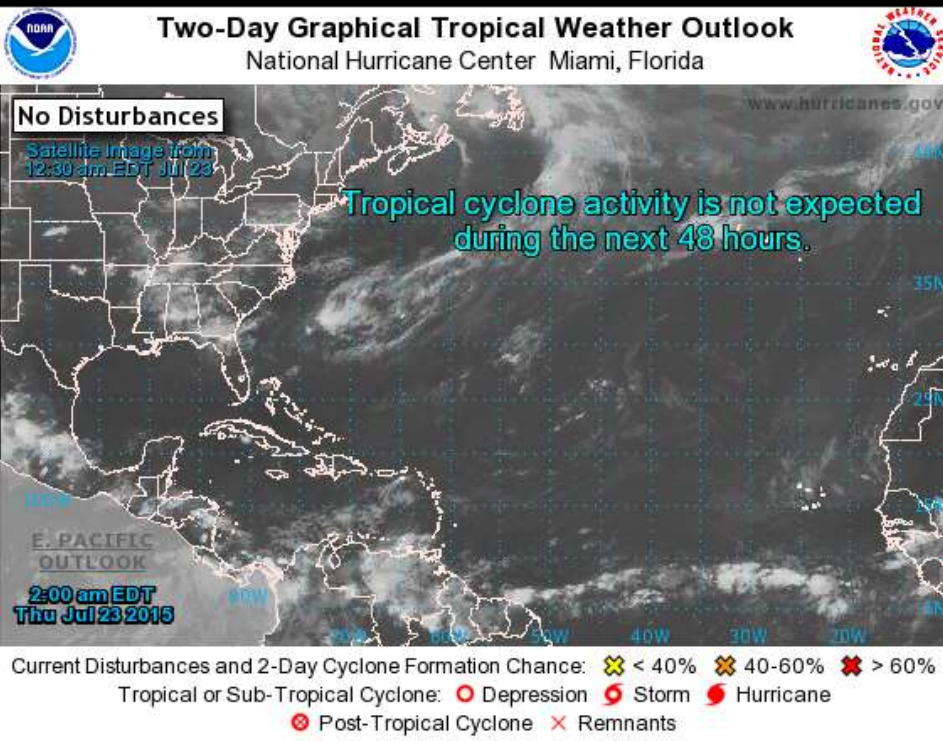
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

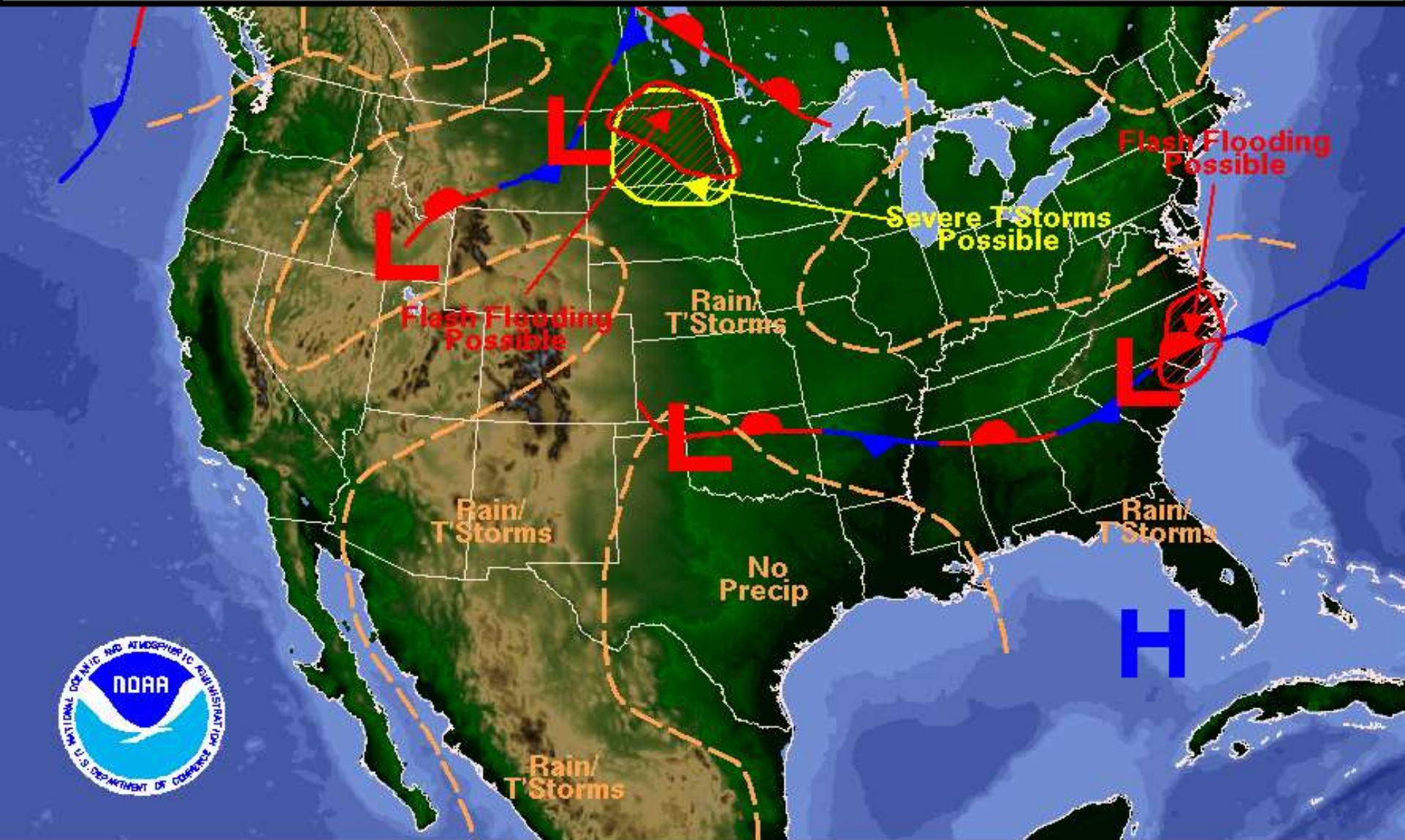
Atlantic/Gulf Tropical Weather Outlook



Tropical cyclone formation is not expected the next 5 days



Today's Weather



Weather Forecast for Thu, Jul 23, 2015, issued 4:32 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Fanning based on WPC, SPC and NHC forecasts






Day 1 Weather Hazards

Valid: 0800 Thu - 0800 Fri



Isolated strong storms today; gusty winds are the main threat

Afternoon Heat Index values of 102F+ degrees across the eastern half of the Region.

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

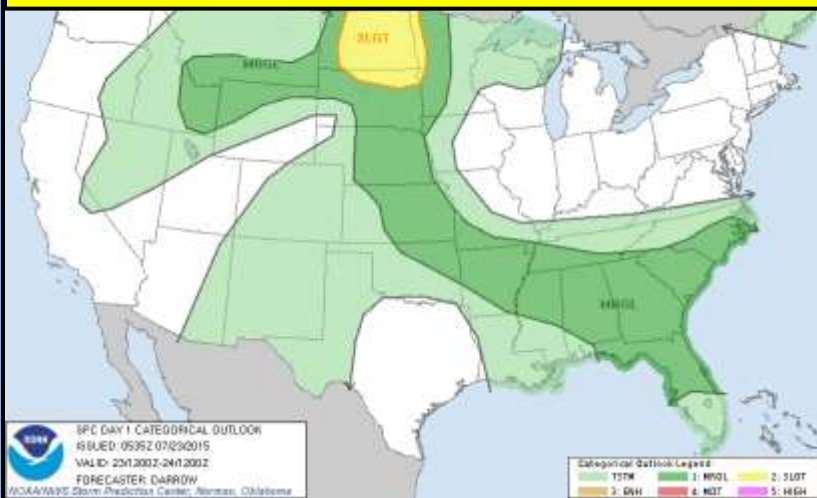


Thursday, July 23, 2015

Severe Thunderstorm Potential



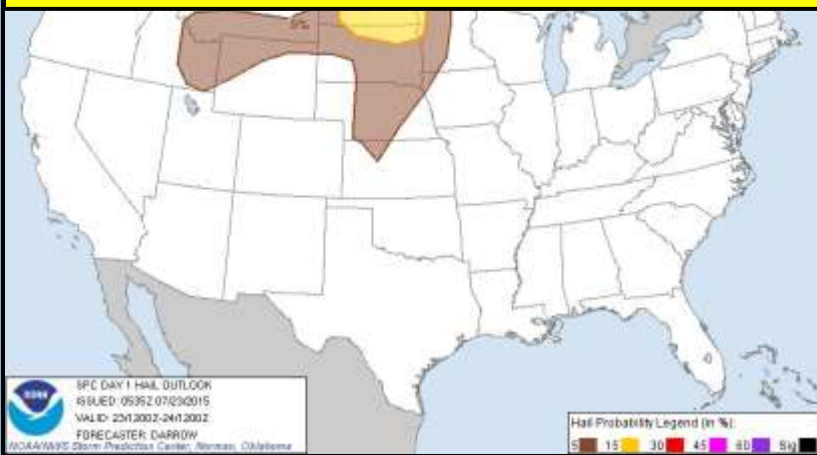
Overall Threat Potential



Probability of Tornado within 25 miles of a point



Probability of Damaging Hail within 25 miles of a point

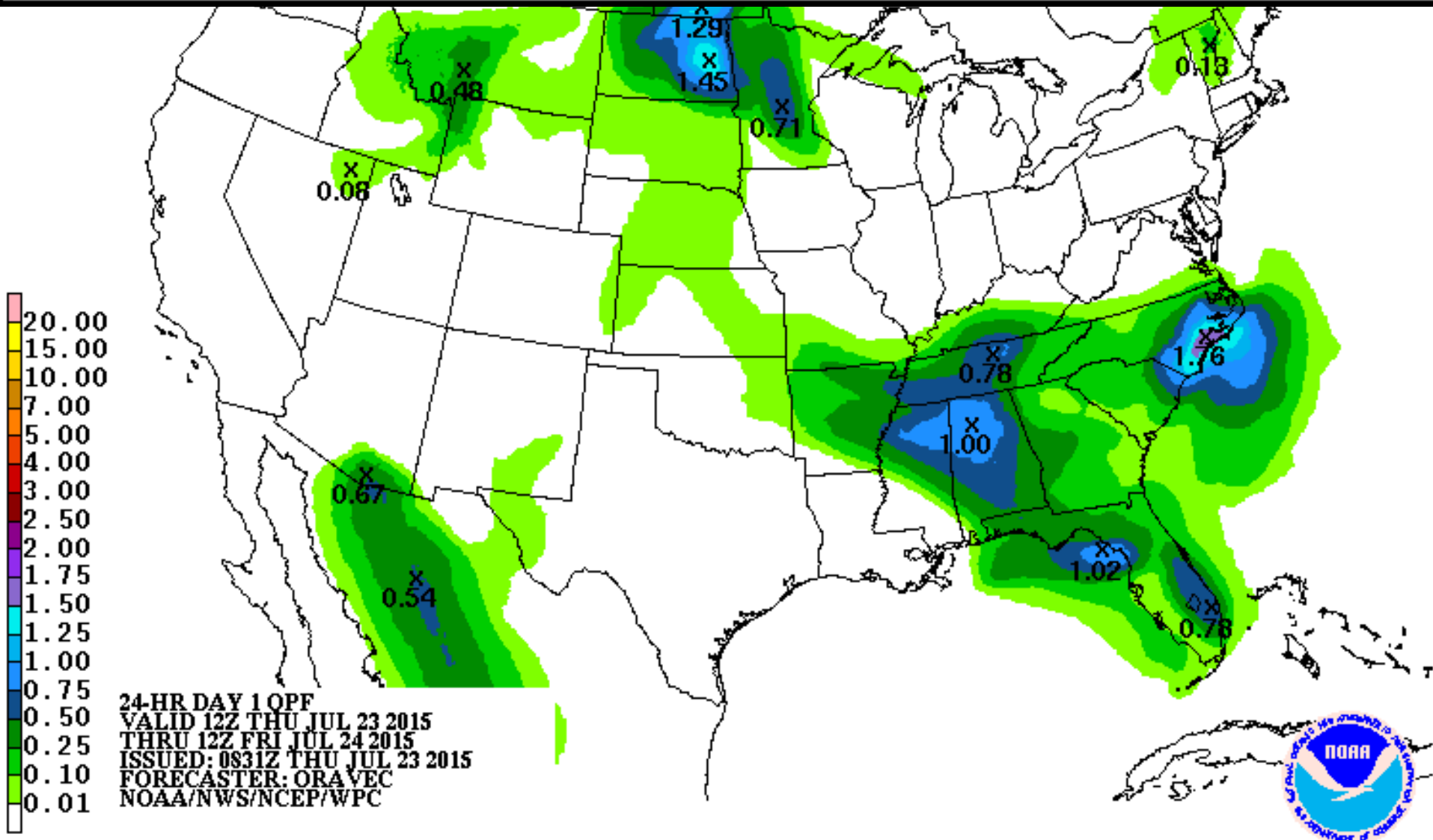


Probability of Damaging Winds within 25 miles of a point

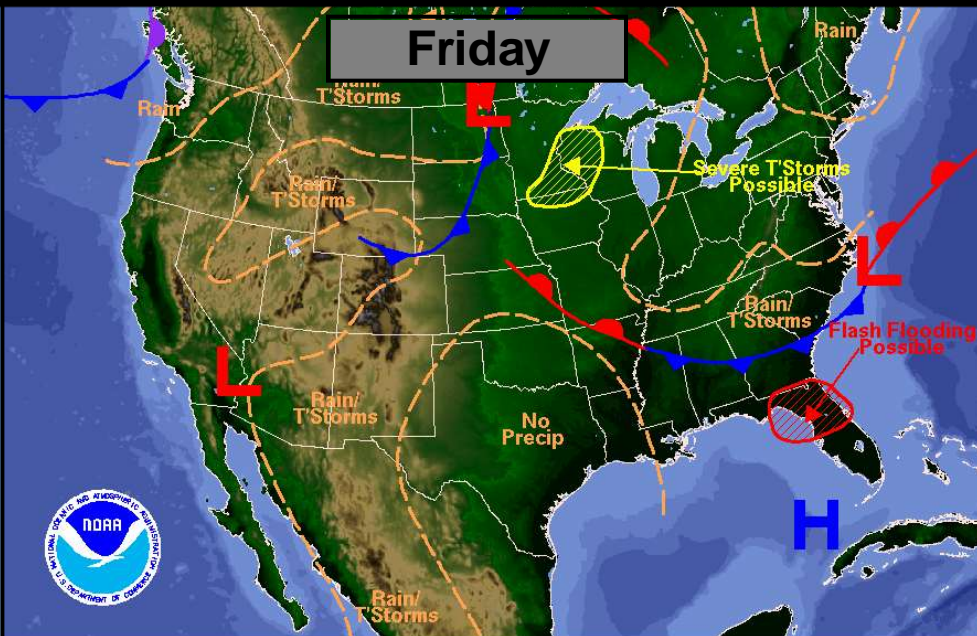


Today's Precipitation

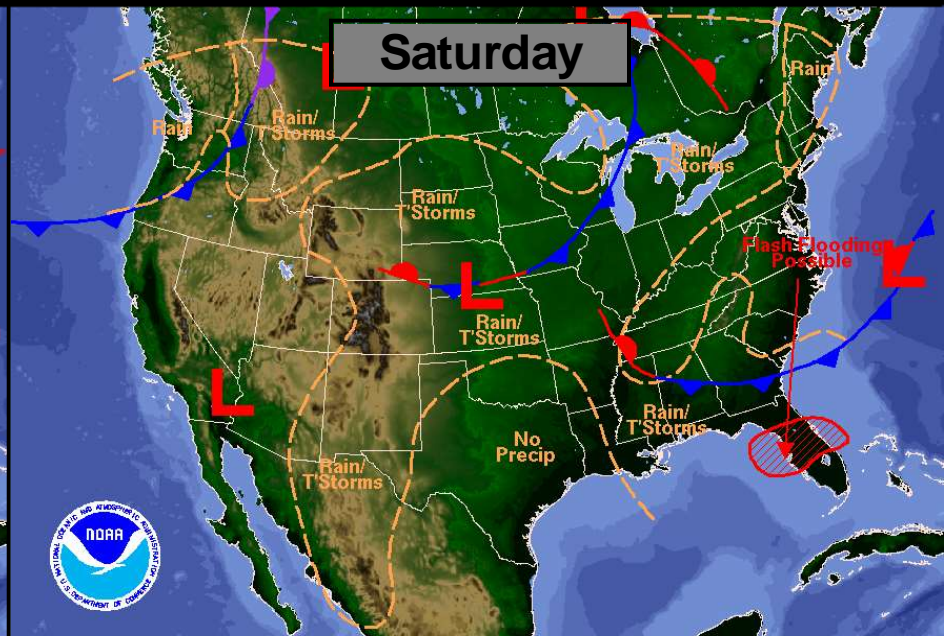
Thu AM - Fri AM



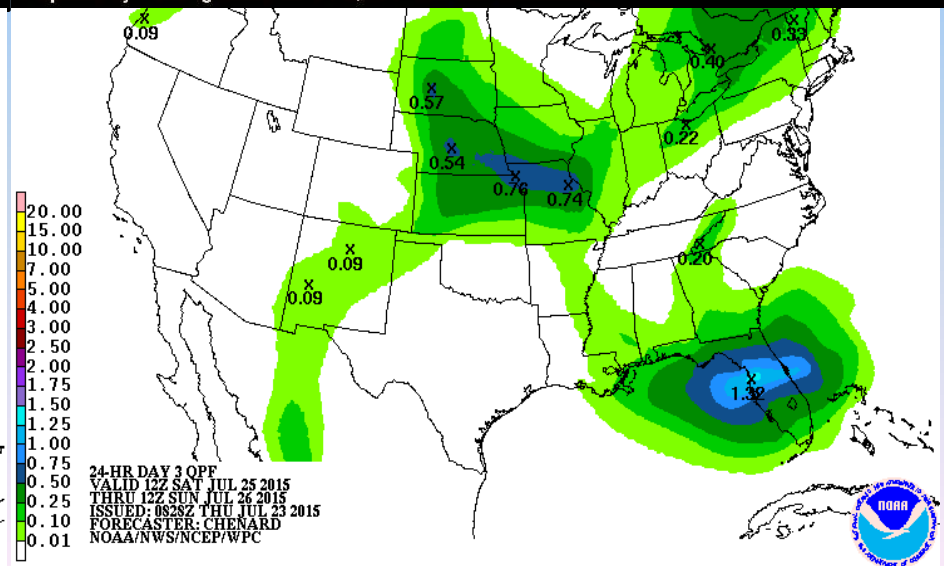
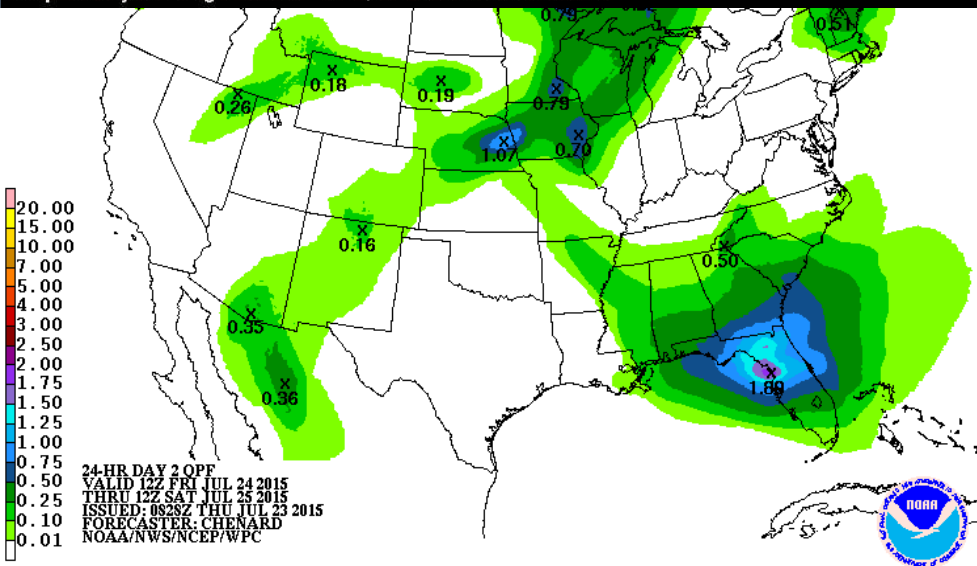
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Fri, Jul 24, 2015, issued 4:35 AM EDT Thu, Jul 23, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts



Weather Forecast for Sat, Jul 25, 2015, issued 4:38 AM EDT Thu, Jul 23, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts

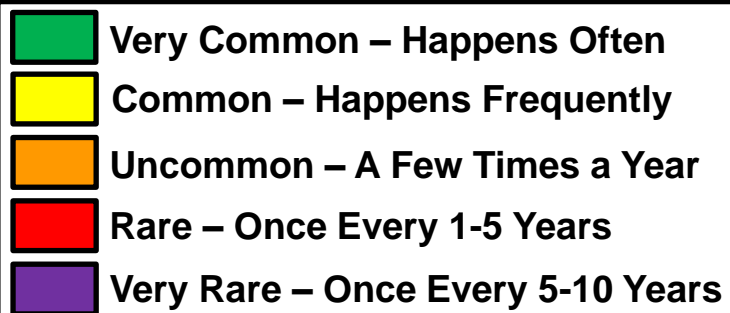


Day 2-3 Weather Hazards

Valid: 0800 Fri - 0800 Sun



Temperatures remain hot over the eastern 2/3rds of the Region both days.



*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Day 4-5 Weather Hazards

Valid: 0800 Sun - 0800 Tue



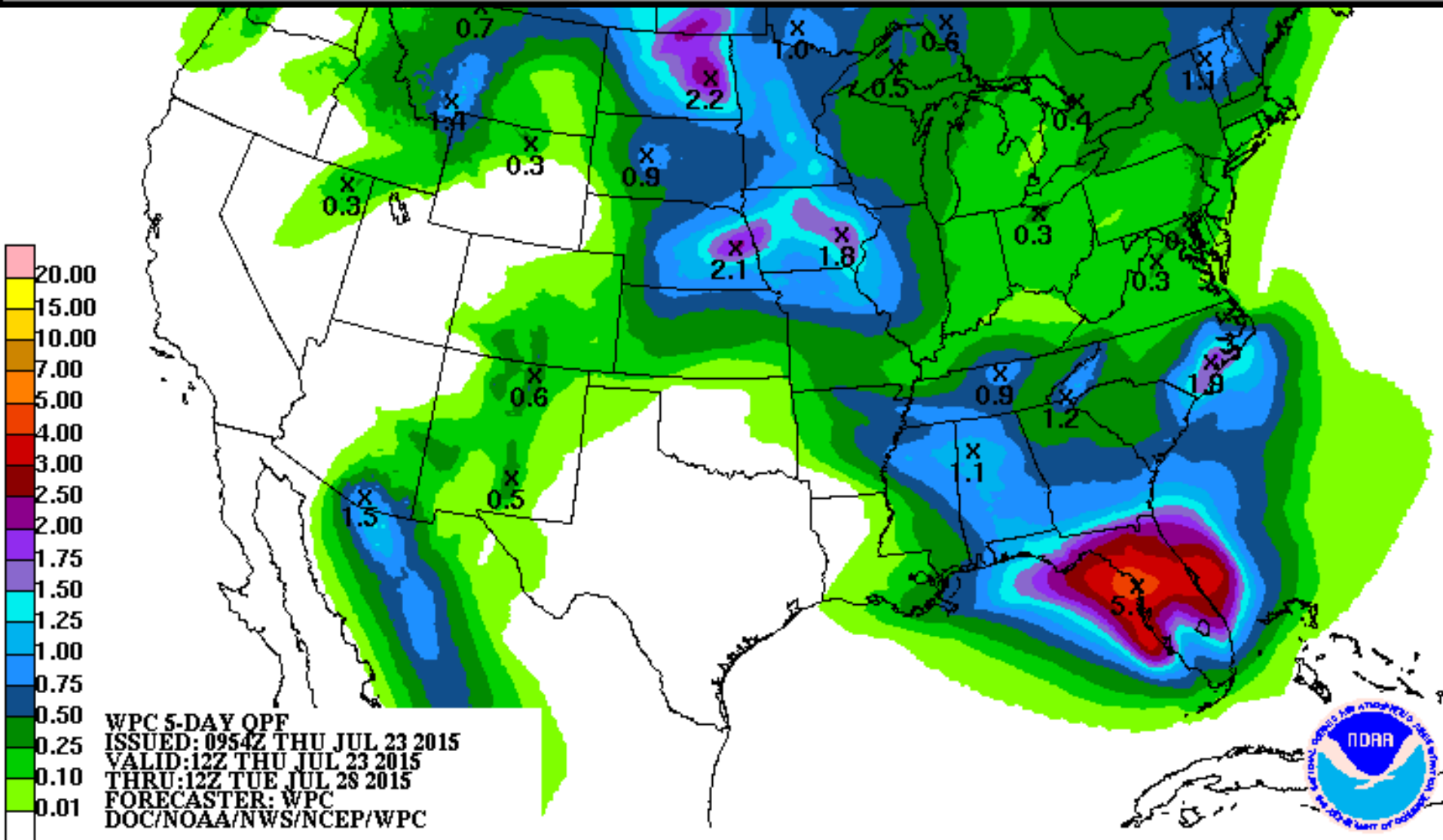
Hot temperatures remain over much the Region into early next week.



*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

5-Day Precipitation

Thu AM - Tue AM

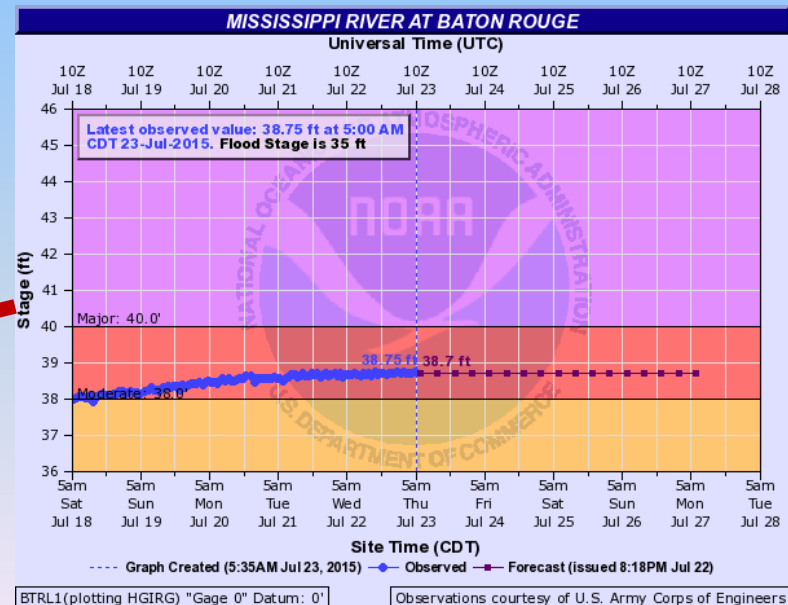


Current River Status / Near Term Forecast



The Lower MS River is generally expected to remain in Minor Flood Stage, with a few points in Moderate Flood Stage.

River Status		
	Observed	Forecast
No Flooding	Green	Green
Near Flood Stage	Yellow	Yellow
Minor Flooding	Orange	Orange
Moderate Flooding	Red	Red
Major Flooding	Purple	Purple

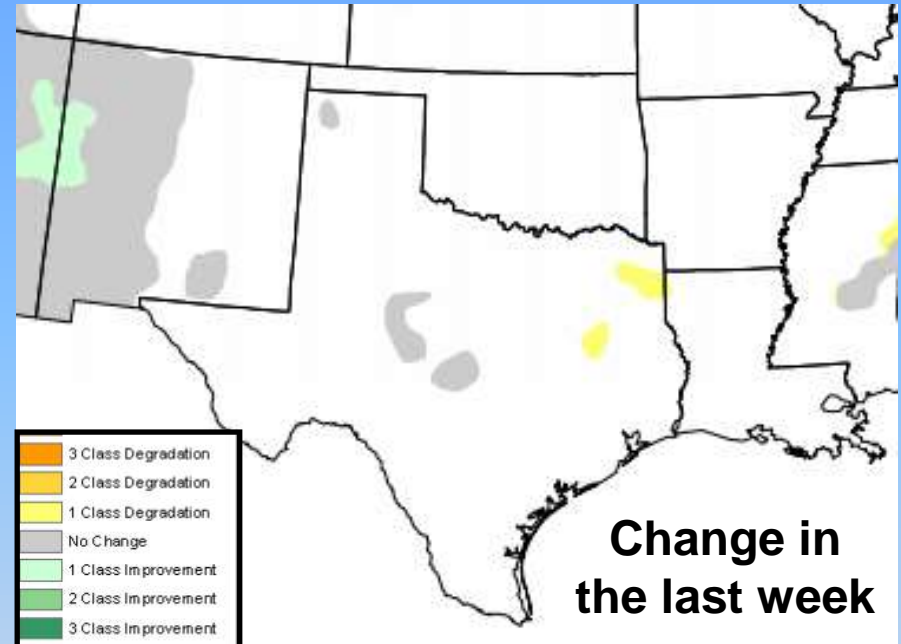
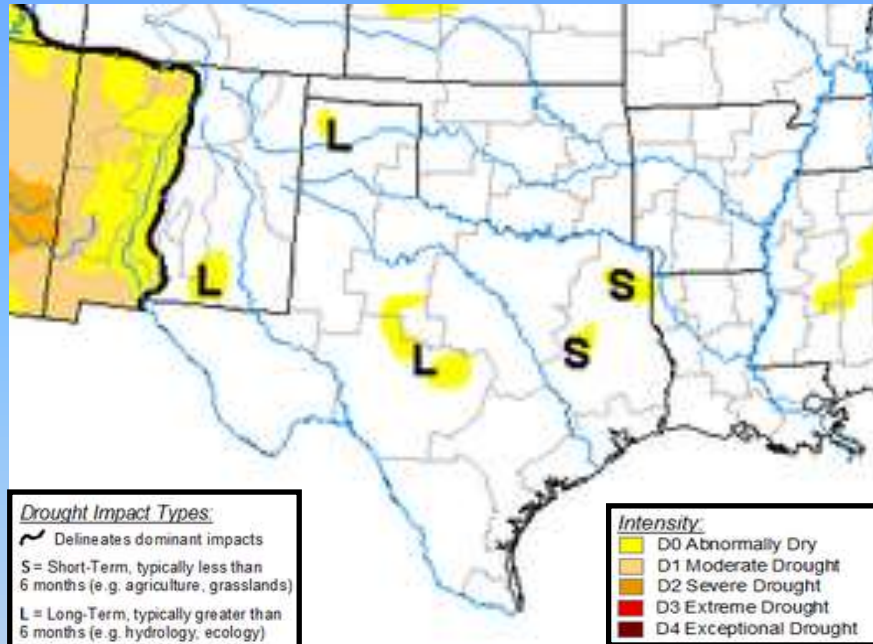


For latest river stages/forecasts, go to <http://www.srh.noaa.gov/rfcexp/main.php?fs=1>



Drought Monitor Released July 23rd, 2015

Data valid as of Tuesday July 21st, 2015



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	37.13%	23.55%
Texas	0.00%	0.00%	9.35%	14.98%
New Mexico	0.00%	0.00%	0.00%	34.10%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

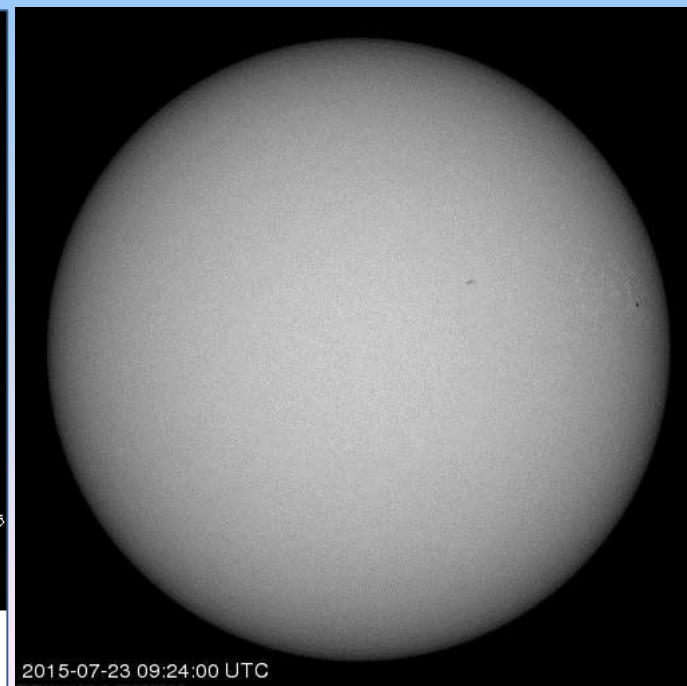
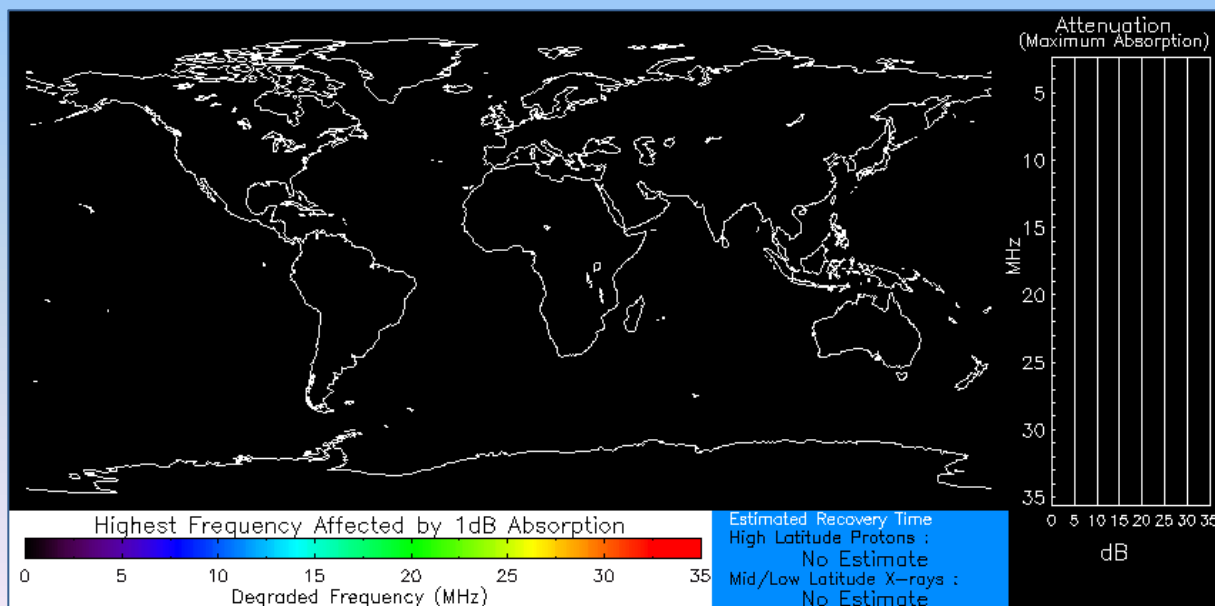
Space Weather 3-Day Forecast



	Thursday	Friday	Saturday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	5%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2015-07-23 09:24:00 UTC

Normal X-ray Background
Product Valid At : 2015-07-23 10:09 UTC

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NOAA/SWPC Boulder, CO USA

Information provided by:



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